

An Evaluation of the Prospects for Oil Presence on ^tThe Basis of Hydrochemical and Temperature Indications,
by G. M. Sukharev.

RUSSIAH, per, Dok Ak Nauk SSSR, Vol LXXVII, No 4,
1951, pp 645-647.

ATS RJ-1034

Sci - Fuels
Jul 59

91,264

Respiratory and Glycolytic Phosphorylation in a
Cancer Cell, by N. V. Katsinsk, I. P. Seits.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1951,
pp 653-656

Nova Scotia No 220

USSR

Scientific - Medicine, biochemistry

Aug 53 CTS

4797

Synthesis of Carcinine and Anserine at Development
of Experimental Cancer of the Brown-Pearce Type
in Rabbits, by A. M. Pachik and T. A. Gorinshina,
10 pp.

OSIMAS, por., Dok. Ak. Nauk SSSR, 77(4):663-667; 1951.

CIA/RDP/X-73b

National Inst. of Health

The Effect of Surface-Active Substances on Cement
of Different Mineralogical Composition, by
A. V. Satalkin, M. V. Kublyanova, 8 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LXXVII,
No 4, 1951, pp 681-684.

Sci Mus Lib Tr No 53/2293.

USSR
Scientific - Minerals/Metals

Feb 54 CIA

9607

Satalkin, A.V. and Kublanova, M.V.
DE INVLOED VAN OPPERVLAKTE-ACTIEVE STOF-
FEN OP CEMENT VAN VERSCHILLENDEN MINERA-
LOGISCHE SAMENSTELLING (Effect of surface-
active substances on cements of different mineralogi-
cal composition). 8 p. 8 refs. MTWL:496.(Text in
Dutch)
Order from OTS or ETC \$0.80 61-17015
Trans. of Akademiya Nauk SSSR. Doklady (USSR) 1951,
v.77, no. 4, p.681-684.

61-17015

1. Cements
2. Detergents
- I. Satalkin, A.V.
- II. Kublanova, M.V.
- III. MTWL-496
- IV. Stichting Moeillijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

A New Species of Sea Perch in the Barents Sea
(*Sebastodes Mentealla* Travin, sp. nov.), by V. I.
Travin, 7 pp.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, Vol LXXVII,
No 4, 1951, pg 741-744.

Sci Tr Ctr RT3523

34,926

Scientific - Biology

May 56 CTS/dex

On the Synthesis of Tri-Alpha-Naphthylmonocethoxy Silane, Tri-Alpha-Naphthylphenyl Silane, Tri-Alpha-Naphthyl Silane and Di-Alpha-Naphthylidene Phenyl Silane, by A. D. Petrov, V. S. Chugunov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 5, 1951, pp 815-818.

Sci Trans Center RT-662

Scientific - Chemistry
CTS/DEX

10, 971

On the Mechanism of Corrosion Fatigue, by G. V.
Karpenko

RUSSIAN, thrice-monthly, Dok Ak Nauk SSSR, Vol
LXXVII, No 5, 1951, pp 827-830.

Brutcher Tr 3159

Scientific - Minerals/Metals
CTS/DEX Price \$3.90

5924

S-5119

(NY-2542)

Uni- and Multimolecular Adsorption From Solutions
on a Porous Adsorbent, by A. V. Kiselev,
K. G. Krasil'nikov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
No 5, 1951, pp 831-834.

JPRS L-780-X

USSR
Sci - Chem
May 59

88,068

The Existence of Optimum Conditions for the
Catalytic Oxidation of Ammonia, by M. V.
Polyakov, V. Y. Uryzko and N. P. Galenko, 4 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 77, No 5, 1951,
pp 835-837.

Sci Museum No 51/2957

A. D. P. A. D.

Scientific

Thermodynamics of Phase Transitions of the
Second Order, By V. A. Sokolov

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 5,
1951, pp 843-846.

AEC TR 1157

Scientific - Physics

On the Determination of the Yield Point of Structured
Disperse Systems by D. M. Tolstoi, 8 pp. UNCLASSIFIED

Full translation.

8

RUSSIAN, per Dok Ak Nauk, SSSR, Vol LXIVII, No 5,
USSR, 1951, pp 847-850.

Navy Tr 664/NRL 401

Scientific - Physics, Disperse systems

See also: Scatter RT-65

Picatinny Arsenal

R-9596-D
10 July 68

By: Urazovskiy
From: Doklady Adad. Nauk. SSSR Vol. 77, pp 851-4, 1961
(4 pp)

Russian - est for wds:

Please translate and type 1 camera ready copy.
Document can be cut.

The Significance of the Dissimilarity of Peptide Bonds in Protein Molecules, by A. G. Pasynskii.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1951,
pp 863-865.

AEC Tr 1567

Scientific - Physics

T.T. 299

May 53 CRS

2106

Pyrolysis of Coal with High-Frequency Current,
by N. M. Karavayev, Yu. L. Sevast'yanov,
6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
No 5, 1951, pp 871-874.

SLA 59-18369

Sci
Feb 60
Vol 2, No 10

108,866

Conditions of Exchange of Eye Rudiments and Ways
of Their Development, by G. V. Lopashov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, 1951,
pp 933-936.

Nova Scotia No 200

Scientific - Medicine

Aug 53 CTS

4594

On the Nature of the Effects of Phenylurethane on Photosynthesis, by A. M. Kozin, R. Ya. Shcolnik.

Full translation.

RUSSIAN, per, Dok Akad Nauk USSR, Vol LXVIII, 1951,
No 5, pp 949-951.

AEC Tr 1228

Scientific - Biology

Doklady Akad Nauk, USSR Vol 77 No 6 997-999 1951

The infrared brightness of the celestial sphere in the
Milky Way region by S. F. Rodionov and I. G. Frishman.

34P

Abstract of article

Navy Tr. ⁴²⁵/NRL 356

See also Refs RT-70

Infrared Spectroscopy of the Hydrogen Bond at Low Temperatures, by V. N. Nikitin, N. G. Yaroslawskii.

Full Translation

RUSSIAN, Dok Ak Nauk SSSR, Vol LXXVII, No 6, 1951,
pp 1015-1018.

AMC Tr 1128

Sci - Physics

Pub 52 C78

1

Alkylation of Benzene with α, β -Butanediol Diacetate
and 2,4,6-Hexanetriol Triacetate, by R. M. Legidze,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII, No 6,
1951, pp 1023-1026.

ATS RJ-1666

Sci - Chem

Jul 59

90, 846

Chaylakhyan, M. Kh.

THE INFLUENCE OF BORON ON THE DEVELOPMENT OF PLANTS DEPRIVED OF ROOTS, tr. by Bonnie E. Cushman. 1 June 51, 10p. 3 refs.
Order from LC or SLA mi\$1.80, ph\$1.80

UCRL Trans-106

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 77 [no. 6] p. 1115-1118.

Experiments show that the fundamental reason for the inability of rudbeckia plant rosettes, deprived of roots, to form normal shoots, bud and flower under the conditions of a favorable length of day is found in the lack of boron. From a nutrient solution or pure tap water with only traces of boron, rudbeckia plants with roots extracted it in a quantity sufficient for their unhampered growth; plants with the roots cut off took it in inadequately. An increased boron concentration in the nutrient solution or its artificial introduction through the leaves compensated for this deficiency. The neces- (Agriculture--Plant Cultivation, TT, v. 5, no. 11) (over)

61-19004

1. Plants--Growth
2. Growth substances
3. Boron--Physical effects
- I. Chaylakhyan, M. Kh.
- II. UCRL Trans-106
- III. Lawrence Radiation Lab., U. of California, Berkeley

AEC TR 1217

160974

Office of Technical Services

Valyashko, M.G.
DE VOLUMEVERHOUDING VAN VLOEIBARE EN
VASTE PHASEN IN HET VERDAMPINGSPROCES VAN
ZEEWATER ALS FACTOR DIE DE VORMING VAN
EEN LAAG KALIUMZOUTEN BEPAALT (Volume
relations of liquid and solid phases in vaporizing sea
water). 9 p. 7 refs. MTWL-498. (Text in Dutch)
Order from OTS of ETC \$0.80 61-17017

Trans. of Akademiya Nauk SSSR. Doklady (USSR) 1951,
v. 77, no. 6, p.1055-1058.

61-17017

- I. Sea water-Vaporization
2. Potassium-Salts
- I. Valyashko, M.G.
- II. MTWL-498
- III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Cavitation Due to Roughness of Surface and Erosion
Thereof, by K. K. Shalnev, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 1, 1951, pp 33-36.

Navy Tr 598/BuShips 474

Scientific - Engineering

Jun 52 CRS

DEK

Luminescence Method for the Diagnostic
Detection of a State of Experimental
Hypertension, by L. N. Braines,
S. N. Braines.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 78,
No 1, 1951, pp 47-50.
NTC 69-12441-06E

Sci-B&M
Aug 69

388,477

Microradiographic Study of the Distribution of
Alloy Components in Solid Nickel Solution, by
K. A. Osipov, S. G. Fedotov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXVIII, No 1, 1951, pp 51-53.

CIA/FDD/X-1165

8513

Scientific - Minerals/Metals
CTS/DEX

Reactions of Diane Hydrocarbons With Nitroso Compounds: 2-p-tolyl-3, 6-Dihydroorthoxazine,
by Yu. A. Arbuzov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 1, 1951, pp 59-62.

Sci Tr Center
RF-3990

39,129

Sci - Chemistry
Sep 56 CTB/des:

Effect of Pressure Upon Rate of Dissolution of Steel
in Sulfuric Acid, by S. A. Balezin, M. A. C.
Tilaeva.

RUSSIAN, per, Dok Ak Nauk SSER, Vol LXXVIII, No 1, 1951,
pp 75-77.

Brutcher Tr No 2772

15,039

Scientific - Min/Metals

\$2.60

Dendritic Crystallization of Salts from Water
Solutions, by Yu. Ya. Til'mans, 1959, 5 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1951,
Vol LXXVIII, No 1, pp 83-86.

SLA 59-17365

Sci
Jan 60
Vol 2, No 8

105,554

Chloroplasts in Structural Tissues of Angiosperm
Plants, by S. F. Zavalishina, 4 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951,
pp 137-139.

SLA Tr R-1247

Sci

Jun 58

65,864

Simple Method for Measuring Absorption of Ultrasonic Waves in Strongly Absorbing Solids, by I. G. Mikhailov and V. A. Sолов'ev.

RUSSIAN, Dok Ak Nauk SSSR, Vol 78, 1951, No 2,
pp 245-~~246~~.248.

Brutcher Tech Tr No 2904

Mining 1841 | NEL 686

Doklady Akademii Nauk SSSR, nsv

78, 11 May 51, pp 251-254

"Thermodynamics of Plastic Deformation"
author: N. S. Fastov

Project 11401 CD A-4174 SR 7 May 52

New Types of Microvariations in the Geomagnetic
Field, by A. G. Kalashnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 2, Moscow, 1951, pp 255-258.

Navy Tr 1180/ONI

Aug

Scientific - Geophysics CTS/DEX

CIA C22084

4189

The Bioelectric Potential of Photosynthesis, by V. D.
Uapenkaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951,
pp 259-262.

SLA Tr R-1248

Sci

Jun 58

65, 856

Doklady Akademii Nauk SSSR nov seriya

Vol 78, 11 May 51, pp 263-
266

Fatigue of Metals

author: Ya. I. Feldshtein
N. S. Akulov
I. P. Mazin

Project 111404 CD A-4174 SR 7 May 52

HEC

RTS AJ-442

The Two-Stage Process of Extremely Rapid Semi-Coking of Solid Fuels, by A. M. Nikolayev, Z. F. Chukhanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII,
1951, pp 267-270.

DSIR LLU M.1817
(loan)

128,874

Sci - Fuels

Oct 60

Temperature Diagram for Compound Control of
Parallel Operation of Heating and Power Plants,
by V. Ya. Khasilev, 7 pp.

RUSSIAN, thrice-mo per, Dok Nk Nauk SSSR, Vol LXVIII,
No 2, pp 271-274.

Sci Museum Lib No 53/2358

31A 61-13687

9591

USSR
Scientific - Engineering

Mar 54 CTS

New Data on the System $\text{Al}_2\text{O}_3 - \text{SiO}_2$, by N. A. Toropov,
F. Ya. Galakhov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 2, 1951, pp 299-302.
9076078

Sci Museum Lib No 53/2360

Bentley U03143-14.35

USSR
Scientific - Chemistry *SLA 61-13689 9888*

Mar 54 CIS

The Negative Temperature Rate Coefficient of the
Oxidation of Propane, by V. L. Antonovskii, V. Ya.
Shtern.

Full translation

Ans 2
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951,
pp 303-306.

ABC Tr 1121

12.798

Scientific - Chemistry Feb 52 CTS

The Causes of Granulation of Powdered Substances, by
S. S. Voyutskiy, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1951,
pp 307-310.

ELL M. 3010

Sci - Chem

Feb 62

186, 846

On the Biological Activity of the Humic Acids
From Soil and From Peat, by V. A. Ziber, N. S.
Bogolyubov.

RUSIAN, PER, Dok Ak Nauk SSSR, Vol LXXVII,
1951, p 335.

Dept of Int
US Bur of Mines
Central Experiment Sta
Pittsburgh, Pa. No 373

Sci + Chem

May 59

87,706

Mints, D.M. DE FILTRATIE VAN ZWAK-GECONCENTREERDE WATERIGE SUSPENSIES OVER WATERZUIVERINGS FILTERS (Filtration of weakly concentrated aqueous suspensions on filters for water purification). 8 p. 6 refs. MTWL-497. (Text in Dutch) Order from OTS or ETC \$0.80 61-17016 Trans. of Akademiya Nauk SSSR. Doklady (USSR) 1951, v. 78, no. 2, p. 315-318.	61-17016 I. Water purification 2. Water filters I. Mints, D.M. II. MTWL-497 III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur
---	---

Office of Technical Services

Influence of Sulphur Compounds on the Kinetics of
Chemical Ripening of Photographic Emulsions, by
K. V. Chibisov, A. A. Titov, I. I. Mikhailova,
9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXVIII, No 2, 1951, pp 319-322.

CIA/FDD/X-1C88

Scientific - Chemistry CTS/REX

5583

An Attempt to Obtain the Products of Reduction of Carbon Dioxide Labelled With C¹⁴, by Chloroplasts Without Cells, by A. P. Vinogradov, E. A. Boichenko, and V. I. Baranov.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, No. 78, pp 327-329.

AEC Tr 1220

Scientific - Chemistry

SOSNINA, E. F.
R-1856. A new species of Turkestan rat louse from
Tadzhikistan. Doklady Akad. Nauk SSSR, 157, no.2, p.365-
368. 1951. (3p.)

Effect of the Color of the Light Illuminating One Eye Upon the Reaction of the Other Eye, by G. K. Gurtevol, S. V. Kravkov, 4 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1951, pp 391, 392.

Q

CIA/TED/X-565

USER

Scientific - Physics

CIS/DEX

3821

On the Representation of Functions by Series of Polynomials on Closed Sets, by S. N. Mergelyan.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 3, 1951, pp 405-408.

AEC Tr 1620

Scientific - Mathematics

Jul 53 CPS

4009

Scintillation Method Applied to Astronomical
Investigations, V. I. Krasovski, UNCLASSIFIED.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 3, pp b27 - b29, 1951.

Navy Tr 460 / NL

Sci - Astronomy

373

Oct 1951 CRS

Now

Sci Team Center RT-75

A Particular Class of Diffuse Gas Nebulae, by
G. A. Shain, V. F. Gaze, 6 pp. UNCLASSIFIED

RUSSIAN, thrice monper, Dok Ak Nauk SSSR,
Vol LXXVIII, No 3, 1951, pp 431-433.

Navy Tr 459/NRL 371

Scientific Astronomy

Navy 51 cTS also Sci Trans Center RT-68

Masses of Particles in Cosmic Rays, by S. Asimov,
N. Birger, N. Dobrotin, Gh. Zhdanov, Yu. Kokurin,
S. Slavatiniskiy, 7 pp.

1951

RUSSIAN, Dok Ak Nauk SSSR, 1951 Vol LXXVIII, No 3,
pp 447-450.

61-17471
SLA 60-13708
Sci Mu Lib of London
52/0743

14,906

Sci Tr Center RT-599

Scientific - Nuclear Physics

On the Theory of Oscillations of Interacting Electron Currents, by Yu. K. Bergner, 6 pp.

RUSSIAN, thrice-xo per, Dok Ak Nauk SSSR,
Vol LXXVIII, 1951, pp 435-436.

ABC Tr 2716

Sci - Electronics 48,626
Jun 57

Sci Mus Lab Tr 57/2512

The Photoelectric Sensitivity and Optical Absorption
of Thallium Halide Salts, by E. K. Putzeiko, 7 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol 70, No 3,
pp 453-456.

Sci Mun Lib No 52/3273

Scientific - Chemistry

27 December 1952

Scattering Effects for Strongly Ionizing Particles
and "Stops" Registered by Photo-Sensitizers in the
Circosphere, by Sh. S. Takibayev, UNCLASSIFIED

5 pp.

SUGGESTION, thirteenth per, Dok Ak Nauk SSSR, Vol
LXXVIII, No 3, 1951, pp 457-459.

Navy Nr C17/SRL 358

Scientific - Nuclear Physics

Sep 55 CPG/DEM

See also in file BT-64

5715

Dok Ak Nauk SSSR Vol 78 No 3 pp 461-3 1951

"On the distribution laws of the completion numbers
in quantum statistics" by A. Ya. Khinchin, Corr-Mem
Ac Sci USSR

Proj# 9804

S/256

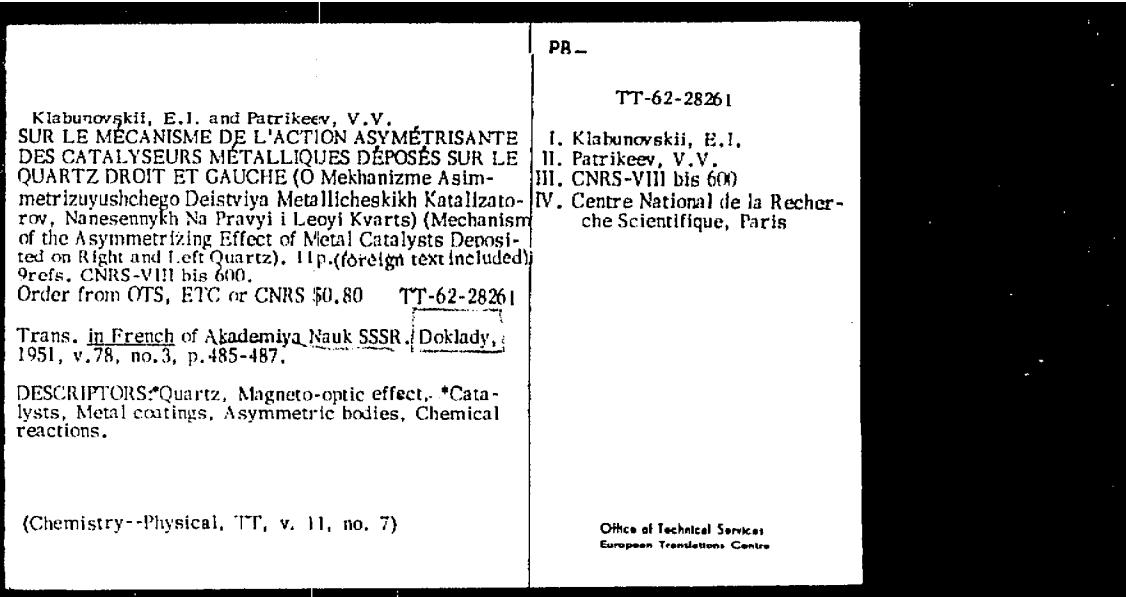
Seto Sep 51

New Data on the Chemical Composition of
Oxycellulose, by E. D. Stakheyeva-Kaverzneva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951,
pp 481-483.

*PL-480
OTS 63-11012
PST-714

Sci
Jan 63



Mikhailov, B. M. and Chernov, N. G.
THE STRUCTURE OF ORGANIC COMPOUNDS OF
ALKALINE METALS: LITHIUM-AROMATIC COM-
POUNDS AND THEIR ETHERATES. [1962] 8p. (figs.
formulae omitted) 4 refs.
Order from OTS or SLA \$1.10

62-18668

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
v. 78, no. 3, p. 489-492.

DESCRIPTORS: *Complex compounds, *Alkali metal
compounds, Molecular structure, *Lithium compounds,
Phenyl radicals, Naphyl radicals, Ethers, Esters,
Synthesis, Chemical analysis.

(Chemistry--Organic, TT, v. 10, no. 1)

62-18668

I. Mikhailov, B. M.
II. Chernov, N. G.

Office of Technical Services

Direct Synthesis of Phenylbromosilanes, by A. V.
Topchiev et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, No 3,
1951, USSR, pp 497-500.

Assoc Tech Sv RJ-107

Sci - Chemistry \$5.00 (\$0.85)

Aug 54

17,120

Reduction of Paraffinic Hydrocarbons, by A. N.
Bushkirov, Ya. B. Chertkov.

RUSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1951,
1952, pp 473-476.

Access Tech Sv RU-83

Sci - Chemistry \$5.80 (\$0.85)

Aug 5th

10/13/39

A Mechanism for the Protection of Iron From Corrosion
by Sodium Nitrite, by I. L. Rozenfeld.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, No 3,
USSR, 1951, pp 523-526.

AEC Tr 1380
SLA 59-18732

Scientific - Chemistry, Iron, Sodium nitrite

Sep 52 CTS/DEX

SLA 59-18732 (loan)

The Separation of Aluminum, Iron and Manganese
During Their Precipitation From the Solution in
Water Basins, by B. P. Krotov.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LXXVIII, 1951, pp 531-534.

CSIRO

Sci - Min/Met
May 62

196, 734

Biological Synthesis of Asparagin and Glutamine
Through Transamination, by S. R. Mordashev,
N. N. Lestrovayn, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVIII, No 3, 1951, pp 547-550.

NIH Tr No 2-2

Sci - Biology
Jan 1957 CIS/dex

43, 228

On the Structure of Natural Ice-Masses of Various
Origins, by M. P. Golovkov, 7 pp. US OFFICIALS ONLY

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 3, 1951, pp 573-575.

Def Sci Info Sv, DRB Canada T 111 R

Su Museum Lib 54/0778

Scientific - Geophysics
CIS/DEX

CIA 2206688

9401

Parasitology, Tularemia Microbe (B. Tularensis)
Carried in Natural Circumstances by Some Types
of Gamo Ticks, by E. N. Nelzin, I. P. Barkov,
Submitted by Acad K. I. Skryabin, UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 4, 1951, 267-551

338th MISG Case No 301

11,329

Scientific - Medicine
CTS/DEX

AEC (LA-tr-72-25) ON THE BIRTH OF LIMIT CYCLES
FROM A SEPARATRIX. Leontovich, E. ¹⁰Translated by Anna
Vakar (Los Alamos Scientific Lab., N. Mex.), from ¹⁵Dokl. Akad.
Nauk SSSR; 78: 641-4(1951). ¹⁷7p. ²⁴Dep. NTIS.

²⁸mathematics; translations ²⁷12

²⁹MN-32 ²⁹P NSA

Koval'ski^f, B. S.
TRANSVERSALE SLINGERINGEN VAN EEN LAST BIJ
HET VIEREN (Transversal oscillation of a load during
the veeringout). 7p. MTWL: 599. (Text in Dutch).
Order from OTS or ETC \$1.55

61-17294

Trans. of Akademiya Nauk SSSR Doklady, 1951,
v. 78, p. 645-647.

DESCRIPTORS: *Hoists, Dynamics, Oscillation.

61-17294

- I. Koval'ski^f, B. S.
- II. MTWL-599
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Geometry of Linear Polymers, by M. V. Vol'konshtain,
O. B. Ptitsyn, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXVIII, No 4, 1951, pp 657-660.

CIA/TDD/X-1577

NLL M. 2871

USSR

Scientific - Physics

21, 998

CTS 66/ Mar 1955

The Effect of Water Vapor and Oxides of Carbon
and Nitrogen Upon the Luminescence of the Night
Sky, by V. I. Krasovskiy. UNCLASSIFIED 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 4, 1951, pp 669-672.

Navy Tr 458/NRL 369

Astronomy

T-138 RU+

Nov 51 CTS

Reasons for the Longer Life of Tools Sharpened
by Electrosark Process, by V. I. Arkharov, and
others.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, No 4,
1951, pp 673-676.

Brutcher Tr 2760

Scientific - Min/Metals

12,854

On a Single Necessary Criterion of the Correctness
of the Solubility Limits in Binary Metallic
Systems, by S. Kh. Kipnis, and I. L. Rogel'berg,
8 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol LXVIII, No 4,
pp 701-703.

Sci Mus Lib No 52/3258

Scientific - Chemistry

27 December 1952

Reciprocal Salt Pair System of the
Hydroxides and Nitrates of Lithium and
Potassium, by O. O. Diogenov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII,
No 4, 1951, pp 697-699.

20,207 R.A.E.Parkborough
Fr No 477

Scientific - Chemistry Dec 1954 CIS

On the Nature of Superoxide of Silver, by A. P.
Neidig, I. A. Kazarnovskiy, UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR,
Vol LXXVIII, No 4, 1951, pp 713-716.

NASA TT-F-10, 110

Navy Tr 1049/IRL 485

TT-64-20182

18,563

Scientific - Min/Metals

AN X-RAY STUDY OF DISPERSED NI-PD PRECIPITATES
OBTAINED BY ELECTROLYSIS, BY YU. D. KONDRAKHEV,
I. P. TVERDOVSKIY, ZH. L. VERT.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL LXXVIII,
NO 4, 1951, PP 729-731.

OFFICE OF AEROSPACE RES
UNITED STATES AIR FORCE

SCI-PHYS
SEPT 62

(MEMO 25 SEPT 62)

Investigation of the Pressing and Sintering of Metal Powders by an Electrical Conductivity Method, by V. I. Likhtman, and Nasarov L. T., 8 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol LXXXIII,
No 4, pp 749-752.

1951

Batchelor 789
Sci Mus Lib No 52/3263

Also Recd. Elec. Ind. Div. TR Not 1/452
01/2/55

Scientific - Metallurgy

27 December 1952

On the Question of Pathogeny of Dactylogyrus
Solidus Akhmerov, by O. N. Bauer.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, No 4,
1951, pp 825-827.

*vir~~h~~iginia Inst of Marine
Science, Gloucester Point,
Virginia.

Sci
Sept 64

New Varieties of Single Crystals of Barium Titanate,
by L. N. Belyaev, N. S. Novosil'tsev, A. L. Khodakov,
E. G. Fesenko.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 5, 1951, pp 875-877.

SLA Tr R-74

AEC Tr 1167

Sci - Physics

Apr 52 CTS

On the Theory of Systems of Electrically
Charged Particles, by A. E. Glauberman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII,
1951, pp 883-885.

AEC UCRL-Trans-566(L)

Sci
Oct 61

171,241

List 59

In the Theory of Production of Many Particles, Err
by I. Pomeranchuk, 31 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IXXVIII, 1951,
pp 889-891. 909 3503

ARC UCRL Tr-825

Sci - Phys
Jul 62
List 70

204, 726

Kinetics of Isothermal Growth of Martensite Crystals by B. Ya. Lyubov

RUSSIAN, Dok Ak Nauk SSSR, Vol 78, 1951, No 5,
pp 895-898.

Brutcher Tech Tr 2648

One Crystalllo-Chemical Peculiarity in the Systems
Mg-Zn and Mg-AlCu, by M. S. Mirgalovskaya.

RUSSIAN, per, Dok Ak Nauk, Vol LXVIII(5), 1951,
pp 909-911.

Fulmer Research Institute
Tr No 30 OZ/291

Scientific - Chemistry, crystallo-chemical, Mg-Zn
Mg-AlCu

F.R.I. No 30

Index Aeronauticus

On the Nature of the Affects of Phenylurethane On
Photosynthesis, by A. M. Kusin, R. Ya. Shkolnik,
11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol.
XXXX LIXVIII, No 5, 1951, pp 949-951.

Sci Tr Center RT-2158

Scientific - Chemistry Apr 55 GTS

22/809

Dynamics of Vitamin C in Stored Potatoes, by E.I.
Petrochenko.

RUSSIAN, Per, Dokl. akad. nauk SSSR, Vol 78, 1951,
pp 953-954.
NZDSIR/Ref. 564

Sci -
July 1967

333,995

Desoxyribonuclease Activity of the Serum of Blood
of Rabbits and of Man, by O. P. Chepinova, 6 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVIII, 1951,
pp 955-957.

17 Apr

AEC Tr 2035

Scientific - Medicine

■ Jun 53 CTS/DEX

3054

Cholinesterase Localization in Transverse Striated
Muscles, by V. V. Portugalov, V. A. Iakovlev,
UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII
No 5, 1951, pp ~~XIX~~ 1021-1024, Moscow.

- IX 500

Scientific - Medicine

May 53 CTS

2069

Theory of Diffusion Processes in a Moving Liquid
(Hydrodynamics for Large Prandtl Numbers), by V. G.
Levich.

Full translation.

RUSSIAN, per Dok Ak Nauk SSSR, Vol 78, No 6, USSR,
1951, pp 1105-1108.

ALL MI 453 7
AEC Tr 1354

Sci - Physics

Aug 52 CTS

DAN SSSR, Nov Ser 21 Jun 1951
Vol LXXVIII, No. 6 pp 1113-4

"The Anticommutative Matrices in the Meson Theory"

by A. Borgardt

Proj. 9775

57-256

5810 Sep 5,

The Electrical Charges on Particles of Precipitations,
by E. K. Fedorov.

RUSSIAN, per, Dok Ak Nauk, Vol LXXVIII(6), 1951,
pp 1131-1134.

Assoc Tech Serv - RJ-1327
A.E.R.H. Harwell
Tr No 11/3/5/226 OT/592

Scientific - Physics, electrical charges, precipitations

Index Aeronauticus

T. T. A. E. T. H. S.

On Steric Hindrances During Polymerization of
2,6-Dimethyl- α -fert.-Butylstyrene, by V. V.
Korshak, N. G. Matveeva, 5 pp.

RUSSIAN, three-mo per, Dok Akad Nauk Comptes, SSSR,
Vol LXVIII, No 6, 21 Jun 1951, pp 1145-1148.

CIA/FDD/XX-89
JAC INTELLIGENCE USE ONLY

Scientific - Chemistry Feb 56 CIA/DKX
 31/53

NOT RELEASABLE TO FOREIGN NATIONALS

Basic Characteristics of Phase Equilibrium in Highly Coercive Fe-Ni-Al Alloys, by O. S. Ivanov.

Full translation.

RUSSIAN, zen, Dok Ak Nauk SSSR, Vol 73, No 6, ENR
USSR, 1951, pp 1157-1160

AEC Tr 1345

Sci
Min/Mat?

Aug 52 CTS

DRX

Crystal Structure of Iodoform, by A. I. Kitaigorodskiy,
T. L. Khotsyanova, Yu. T. Struchkov, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 6, 1951, pp 1161-1164.

CIA/FDD/X-987

Scientific - Chemistry Aug 53 CTS/DEX

4572

Method of Determination of Compressibility of Gases
at High Pressures, by Krichenskiy, I. N., and Tsiklis,
D. S.

RUSIAN, per, Dokladai Akademii Nauk SSSR, 1951, Vol 78,
pp 1169-1172.

Sci Museum Lib No 52/0468

SLA 60-13865

The Kinetics of the Reaction Between Calcium and
Hydrogen, by V. A. Shushunov, I. A. Shafyev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXVIII, 1951, pp 1181-1184.

AEC Tr 3232

Sci - Physics
Jun 58

65,952